

ABSTRACT OF THE DISCLOSURE

Access from a terminal of an outside network to a server of an inside network is put under control. A repeater and the server permit a packet transmission from the terminal to the server under limited conditions. When the server acknowledges connection for the permitted packet, the transmission conditions for packets to be sent to the server are loosened. After then, packet transmission between the terminal and the server is controlled under the loosened transmission conditions. As for encrypted packets, the server decodes the encrypted packets and notifies the relevant information to the repeater.